The E-test

Sove problems with the 2-test

Unknown SD'adds uncertainty (Louer Jrans also problen)

when to use t-test 1) Draws from box 2) n = as (n := #draws) 3) SD unknown (1) Data Close to normal The t-test mechanics €= value-EV SET

then for p-ulue use

P(+, 1+)

$$df = n-1$$

$$SE^{+} = SE \text{ using SDT}$$

$$SD^{-} = \int_{n-1}^{n} \cdot SD_{surple}$$

$$Note that in class$$

$$SD^{-} = \int_{n}^{+} \int_{x}^{x} (x-aug)^{2}$$

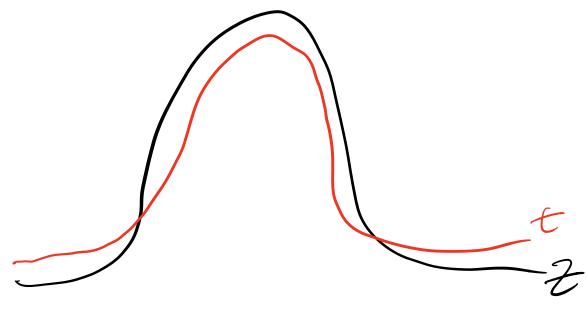
$$RS Sd \text{ function}$$

$$Sd^{-} = \int_{n-1}^{+} \int_{x}^{x} (x-avg)^{2}$$

Why do we use t?

adding uncertainty from estimating SD

Theker tails in t



more density in tails

There extreme events are
nove probable.

What follows is completely den't worry Context I said as a correction only use Stat ± Z1-x·SE (or (1-x). 100% CI it a lot of draws or if SD Rrown